

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Core B: Clinical Translational Core	\$163,674	7.3	Vanderbilt University Medical Center
National Institutes of Health	Project 3: Immune Environment Interaction and Neurodevelopment	\$198,369	3.3	University of California at Davis
National Institutes of Health	Biological Analysis Core	\$122,256	7.2	University of California at Davis
National Institutes of Health	A High-dose Folinic Acid Treatment for Core and Associated Symptoms of Autism	\$558,921	4.1	Phoenix Children'S Hospital
National Institutes of Health	A Novel Paradigm to Dissect the Function Connectivity in Shank3 Autism Model	\$238,500	2.1	Duke University
National Institutes of Health	Brainstem Contributions to Sensorimotor and Core Symptoms in Children with Autism Spectrum Disorder	\$429,873	2.1	University of Wisconsin-Madison
National Institutes of Health	Characterizing Patient-specific TBR1 Mutations: Understanding a Master Regulator of Autism Risk	\$499,244	2.1	Oregon Health & Science University
National Institutes of Health	An ASD Enriched Risk (ASD-ER) ECHO Cohort	\$1,917,232	3.3	Drexel University
National Institutes of Health	Detection of ASD at the 1st birthday as standard of care: The Get SET Early Model	\$1,426,336	1.1	University of California, San Diego
National Institutes of Health	Detection of ASD at the 1st birthday as standard of care: The Get SET Early Model	\$56,329	1.1	University of California, San Diego
National Institutes of Health	Detection of ASD at the 1st birthday as standard of care: The Get SET Early Model	\$58,636	1.1	University of California, San Diego
National Institutes of Health	Detection of ASD at the 1st birthday as standard of care: The Get SET Early Model	\$183,877	1.1	University of California, San Diego
National Institutes of Health	Prenatal Exposures and Child Health Outcomes: A Statewide Study	\$3,057,227	3.2	Michigan State University
National Institutes of Health	Second International SYNGAP1 Symposium	\$15,000	7.3	Baylor College of Medicine
National Institutes of Health	The Autism Sequencing Consortium: Autism Gene Discovery in >50,000 Exomes	\$465,407	3.1	Broad Institute, Inc.
National Institutes of Health	Mechanism-Targeted Treatment Strategy in PTEN-Associated Autism and Epilepsy	\$253,204	2.1	Cincinnati Children's Hospital Medical Center
National Institutes of Health	Attentional, Temperamental, and Physiological Process Underlying Anxiety in Preschoolers with ASD	\$776,151	2.2	Yale University
National Institutes of Health	Neonatal Connectome as a Predictor of Social and Attentional Impairment in ASD	\$366,262	2.1	Yale University
National Institutes of Health	Administrative Core	\$110,245	2.Core/Other	Yale University
National Institutes of Health	Preliminary Efficacy of Social Reward Value Training in Toddlers with Elevated Symptoms of Autism	\$171,036	4.2	Yale University
National Institutes of Health	The Development of Auditory Joint Engagement	\$307,100	1.3	Georgia State University
National Institutes of Health	Neurodevelopmental Phenotypes in MLL Mutant Mice	\$419,004	2.1	Icahn School of Medicine at Mount Sinai

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Localizing Abnormalities in Goal-Directed Behavior to Striatal Circuits in the Neurexin1 Mouse Model	\$31,589	2.1	University of Pennsylvania
National Institutes of Health	Administrative Core	\$266,602	7.Core/Other	University of California at Davis
National Institutes of Health	Neurophenotypic Trajectories and Behavioral Outcomes in Autism Spectrum Disorder	\$649,081	2.3	University of California at Davis
National Institutes of Health	Molecular Genetic Dissection of Amygdala Microcircuitry Controlling Decision-Making	\$416,875	3.3	California Institute of Technology
National Institutes of Health	Neurobiology of Aggression Comorbidity in Autism	\$432,500	2.2	Beth Israel Deaconess Medical Center
National Institutes of Health	VTA VGlut2 Sociability Circuit in Genetic Autism	\$437,500	2.1	Beth Israel Deaconess Medical Center
National Institutes of Health	Language Processing and Word Learning in Preschoolers with Autism Spectrum Disorder	\$50,188	2.1	Boston University (Charles River Campus)
National Institutes of Health	The Effects of Environmental Air Pollutants on Maternal Allergic Asthma and its Neurobiological Consequences	\$196,250	3.2	University of California at Davis
National Institutes of Health	Maternal Asthma and Brain Development	\$235,500	2.1	University of California at Davis
National Institutes of Health	Immune Regulation and Gastrointestinal Co-Morbidity in Autism Spectrum Disorders	\$325,775	2.2	University of California at Davis
National Institutes of Health	Cycles of Social Contingency: Pivotal Transitions that Shape Brain-Behavior Development in Monkeys	\$414,080	2.1	Emory University
National Institutes of Health	High School SUCCESS: Vocational Soft Skills Program for Transition-Age ASD Youth	\$257,895	6.1	Rady Children'S Hospital - San Diego
National Institutes of Health	Identifying the Role of Emotion Processes in Core Features of Autism Spectrum Disorder	\$182,345	2.1	Rutgers, The State Univ of N.J.
National Institutes of Health	Simultaneous Multiplexed In Situ Fluorescence Imaging of Neuronal Proteins and Messenger RNAs	\$400,900	2.1	Massachusetts Institute of Technology
National Institutes of Health	3/3 Building Integrative CNS Networks for Genomic Analysis of Autism	\$242,004	3.1	Johns Hopkins University
National Institutes of Health	Synaptic Pathophysiology of the 16p11.2 Microdeletion Mouse Model	\$531,026	2.2	Massachusetts Institute of Technology
National Institutes of Health	Preventing Epilepsy Using Vigabatrin in Infants with Tuberous Sclerosis Complex	\$1,496,413	4.1	University of Alabama at Birmingham
National Institutes of Health	Dysregulation of Protein Synthesis in Fragile X Syndrome and Other Developmental Disorders	\$1,582,883	2.2	National Institute of Health - Intramural
National Institutes of Health	Environmental Contribution to Neuronal-Methylome Dynamics in Animal Models of Autism Spectrum Disorders	\$590,897	3.3	Salk Institute For Biological Studies

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Deciphering High Function Autism Using Mice with Human De Novo ANK2 Mutations	\$200,000	2.1	Duke University
National Institutes of Health	Compressive Genomics for Large Omics Data Sets: Algorithms, Applications and Tools	\$350,181	2.Core/Other	Massachusetts Institute of Technology
National Institutes of Health	Phase-Amplitude Coupling and Dysfunction in ASD	\$215,000	2.1	Children's Hospital of Philadelphia
National Institutes of Health	4/5-The Autism Biomarkers Consortium for Clinical Trials	\$389,926	4.1	Yale University
National Institutes of Health	Phenotypic Characterization of Gene Disrupting Mutations in ASD	\$363,525	3.1	University of Washington
National Institutes of Health	Environmental Toxins and Microglia-Synapse Interactions in Autism	\$377,509	2.1	Massachusetts General Hospital
National Institutes of Health	Development of a Standardized Measure of Social-Communication Abilities for Children with Neurodevelopmental Disorders	\$618,473	1.3	University of California, San Francisco
National Institutes of Health	MEG Imaging Techniques for Low-Functioning Pediatric Populations	\$174,372	1.2	Children's Hospital of Philadelphia
National Institutes of Health	Administrative Core	\$243,640	7.Core/Other	University of California Los Angeles
National Institutes of Health	Evaluating Implementation of a Patient Navigator Intervention to Improve Access to Diagnostic and Treatment Services for Children with Autism Spectrum Disorder	\$174,759	5.2	Boston Medical Center
National Institutes of Health	1/2 Effectiveness of a Multi-Level Implementation Strategy for ASD Interventions	\$883,436	5.1	University of California, San Diego
National Institutes of Health	1/2 Effectiveness of a Multi-Level Implementation Strategy for ASD Interventions - Supplement	\$67,785	5.1	University of California, San Diego
National Institutes of Health	Sleep and Neurodevelopment Service	\$1,371,686	2.2	National Institute of Health - Intramural
National Institutes of Health	Developing a Prenatal Biologic Therapy to Mitigate ASD Risk from Maternal Autoantibodies to Caspr2	\$677,502	4.1	Spark2Flame, Inc.
National Institutes of Health	Behavioral and Neurological Effects of Developmental Pyrethroid Exposure in Rodents	\$81,677	3.2	Emory University
National Institutes of Health	Development of Roralpha and Rorgamma Ligands for Treatment of Behavioral Disorders	\$59,600	4.1	Saint Louis University
National Institutes of Health	Population-Based Autism Genetics and Environment Study	\$732,418	3.3	Icahn School of Medicine at Mount Sinai
National Institutes of Health	1/4 - The Autism Sequencing Consortium: Autism Gene Discovery in >50,000 Exomes	\$508,546	3.1	Icahn School of Medicine at Mount Sinai

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Prefrontal Function in the Shank3-Deficient Rat: A First Rat Model for ASD	\$457,912	4.1	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Robust Trans-synaptic Labeling Technologies for Cell Type-specific Quantitation of Synaptic Connectivity	\$437,452	2.Core/Other	University of California, San Diego
National Institutes of Health	Role of Gabaergic Interneurons in Developmental Dysregulation of Cortical Function	\$418,311	2.1	Yale University
National Institutes of Health	Addressing Systemic Health Disparities in Early ASD Identification and Treatment	\$1,029,637	1.2	University of Massachusetts Boston
National Institutes of Health	Addressing Systemic Health Disparities in Early ASD Identification and Treatment	\$141,812	1.2	University of Massachusetts Boston
National Institutes of Health	Building a Theoretic Framework and Measures Clearinghouse to Assess Risks and Benefits of ASD Screening for Young Children with Autism	\$45,288	1.2	University of Massachusetts Boston
National Institutes of Health	Neural Networks for Attention to Internal and External Sensory Cues in ASD	\$394,652	2.1	Vanderbilt University Medical Center
National Institutes of Health	Multiplex Analysis of Autism Mutations with Isogenic Human Embryonic Stem Cell Lines	\$49,524	3.1	Weill Medical Coll of Cornell Univ
National Institutes of Health	Dissecting Neural Mechanisms Integrating Multiple Inputs in C.Elegans	\$481,000	2.1	Salk Institute For Biological Studies
National Institutes of Health	Role of Attention in Balance and Mobility in Autism Spectrum Disorders	\$193,993	2.1	University of Pittsburgh at Pittsburgh
National Institutes of Health	L1CAM Adhesion and Signaling Pathways in C. Elegans	\$327,597	2.1	University of Minnesota
National Institutes of Health	Development of Infant Brain MEG Responses to Social Stimuli: Comparison to ASD	\$176,278	1.3	Children's Hospital of Philadelphia
National Institutes of Health	Elucidating Neural Substrates that Mediate Autism-Like Behaviors	\$514,379	2.1	Massachusetts Institute of Technology
National Institutes of Health	Neural Mechanisms of Predictive Impairments in Autism	\$373,253	2.1	Purdue University
National Institutes of Health	Imaging Biomarkers of Social Cognition and Pharmacologic Target Engagement in ASD	\$188,969	2.1	Univ of Massachusetts Med Sch Worcester
National Institutes of Health	Clinical Translational Core	\$166,396	7.Core/Other	University of Kansas Lawrence
National Institutes of Health	Data Management and Analysis Core	\$238,713	7.3	Duke University
National Institutes of Health	Data Management and Analysis Core	\$569,926	7.Core/Other	Duke University
National Institutes of Health	Sex-Specific Modulation of ASD Liability: Compensatory Mechanisms and Recurrence	\$307,603	2.CC	Washington University
National Institutes of Health	Neural Mechanisms for Social Interactions and Eye Contact in ASD	\$642,068	2.1	Yale University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Impact of Endocrine Disruptors on the Human Sperm Methyome: A Risk Factor for Autism?	\$159,500	3.3	George Washington University
National Institutes of Health	AMPA Receptor Trafficking Regulates Social Behaviors in Autism	\$408,750	2.1	Johns Hopkins University
National Institutes of Health	Limbic Circuit Dysfunction in Offspring Following Maternal Immune Activation	\$198,076	2.1	Stanford University
National Institutes of Health	Cdh8-Dependent Circuit Development in Autism	\$381,375	2.1	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Evaluating the Effect of Splicing Mutations on Isoform Networks in Autism	\$519,794	2.1	University of California, San Diego
National Institutes of Health	Integrative Functional Genomic Study of Pathways Impacted by Recurrent Autism CNV	\$506,480	3.1	University of California, San Diego
National Institutes of Health	Integrative Methods for the Identification of Causal Variants in Mental Disorder	\$400,720	3.1	Columbia University Health Sciences
National Institutes of Health	Molecular Causes of Cognitive and Autistic Disabilities	\$468,897	2.1	Tufts University Boston
National Institutes of Health	Therapy Management System for Model-Based Behavioral Interventions	\$586,007	4.3	Experiad, LLC
National Institutes of Health	V-Motive: System for Comprehensive Therapy-Integrated Video Modeling	\$598,828	4.3	Experiad, LLC
National Institutes of Health	Dendrite Morphogenesis, Function and Regeneration	\$554,750	2.1	University of California, San Francisco
National Institutes of Health	Age-Dependent Dysfunction of GABAergic Neurotransmission Due to Autism-Associated mTOR Pathway Activation	\$97,305	2.CC	University of Virginia
National Institutes of Health	Hippocampal Mechanisms in Observational Learning	\$397,754	2.1	Baylor College of Medicine
National Institutes of Health	Dynamic RNA Modifications in Human Brain Development and Autism	\$953,067	2.1	Emory University
National Institutes of Health	Air Pollution, Gestational Diabetes, and Autism Spectrum Disorder	\$38,124	3.2	University of Southern California
National Institutes of Health	Mechanistic Transitions that Shape Typical and Atypical Social Visual Engagement	\$296,345	2.1	Emory University
National Institutes of Health	Engrailed Genes and Cerebellum Morphology, Spatial Gene Expression and Circuitry	\$639,375	2.1	Sloan-Kettering Inst Can Research
National Institutes of Health	Air-Pollution Risk for Autism and ADHD - Cross-Disorder Insights and Genetic Liability	\$481,030	3.3	University of Wisconsin Milwaukee
National Institutes of Health	Air-Pollution Risk for Autism and ADHD - Cross-Disorder Insights and Genetic Liability	\$9,059	3.3	University of Wisconsin Milwaukee
National Institutes of Health	Mechanotransduction C. Elegans	\$588,908	2.1	Massachusetts General Hospital

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Parent Mediated Interventions for Toddlers with ASD: Heterogeneity in Timing and Response to Treatment	\$296,738	4.2	University of California Los Angeles
National Institutes of Health	Fatty Acid Supplements Alter Biological Signatures in Children with Autism Spectrum Disorder	\$260,967	4.1	Research Inst Nationwide Children'S Hosp
National Institutes of Health	Translating MEG-Based Biomarkers to EEG-Based Outcome Measures for Autism Spectrum Disorders	\$252,750	4.2	Massachusetts General Hospital
National Institutes of Health	Testing the Bottom-Up vs Top-Down Imbalance Hypothesis of ASD	\$841,853	2.1	Massachusetts General Hospital
National Institutes of Health	Developing Measures for Community-Based Research on Trauma and Related Conditions in ASD	\$133,492	2.2	Drexel University
National Institutes of Health	The Roles of Environmental Risks and GEX in Increasing ASD Prevalence	\$414,772	3.3	University of California, San Francisco
National Institutes of Health	Molecular Mechanisms of Atypical Habituation in Autism Spectrum Disorders	\$401,413	1.3	University of Washington
National Institutes of Health	Administrative Core	\$78,606	7.3	Emory University
National Institutes of Health	Impact of Co-Occurring ADHD Symptoms on Early Risk Factors and Routine Screening for ASD in Primary Care	\$449,669	1.3	Duke University
National Institutes of Health	An Environment-wide Association Study in Autism Spectrum Disorders Using Novel Bioinformatics Methods and Metabolomics via Mass Spectrometry	\$440,078	3.3	Boston Children's Hospital
National Institutes of Health	The Role of Foxp1-Regulated Signaling Pathways in Brain Development and Behavior	\$405,000	2.1	Ut Southwestern Medical Center
National Institutes of Health	Mobile Health (mHealth) Nutrition Intervention for Children with Autism Spectrum Disorder	\$241,351	4.3	University of Pennsylvania
National Institutes of Health	Development of Postural Control Variability and Preferential Looking Behavior in	\$198,768	1.3	University of Nebraska Omaha
National Institutes of Health	Regulation of 22q11 Genes in Embryonic and Adult Forebrain	\$445,484	4.1	George Washington University
National Institutes of Health	Prenatal Environmental Toxicants Induce Neuroinflammation Causing Autistic Behaviors	\$556,953	2.1	Wadsworth Center
National Institutes of Health	Gene Dosage Imbalance in Neurodevelopmental Disorders	\$781,054	3.1	Geisinger Clinic
National Institutes of Health	Neuroimaging Genetics to Study Social Cognitive Deficits in ASD and Schizophrenia	\$249,000	2.1	Massachusetts General Hospital
National Institutes of Health	The Effects of Medicaid Waivers on Autism Service Use and Expenditures	\$527,951	5.3	Pennsylvania State Univ Hershey Med Ctr

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Environmental Influences on Neurodevelopmental Outcome in Infants Born Very Preterm	\$3,924,809	2.3	Women and Infants Hospital-Rhode Island
National Institutes of Health	Function and Structure Adaptations in Forebrain Development	\$590,225	2.1	Children's Hospital of Los Angeles
National Institutes of Health	Dysfunction of Distinct Amygdala Circuits in a 16p11.2 Model of Autism	\$240,000	2.1	Cold Spring Harbor Laboratory
National Institutes of Health	Prosody Assessment Toolbox	\$704,571	1.3	Biospeech, Inc.
National Institutes of Health	Transitioning to Adulthood: A Prospective Longitudinal Study	\$646,945	6.1	UNIVERSITY OF CALIFORNIA LOS ANGELES
National Institutes of Health	A Family-Genetic Study of Language in Autism	\$609,022	2.1	Northwestern University
National Institutes of Health	Mechanisms and Rescue of Neural Circuit Dysfunction in Mecp2 Mutant Mice	\$249,000	2.1	George Washington University
National Institutes of Health	Otoacoustic Emissions and Auditory Feedback in Minimally Verbal Children with ASD	\$192,500	2.1	University of Rochester
National Institutes of Health	The Impact of PTEN Signaling on Neuronal Form and Function	\$450,559	2.1	Dartmouth College
National Institutes of Health	Understanding Family Economic Impact of Chronic Child Health Conditions	\$658,858	5.3	Kaiser Foundation Research Institute
National Institutes of Health	Loss and Rescue of Endocannabinoid-Dependent LTP and Memory in Fragile-X Model Mice	\$426,656	2.1	University of California-Irvine
National Institutes of Health	Developmental Exposures to Inhaled Air Pollution and the Autism Phenotype in Mice	\$444,299	3.2	University of Rochester
National Institutes of Health	Gene-Environment Interactions in the Developmental Neurotoxicity of Air Pollution	\$339,262	3.3	University of Washington
National Institutes of Health	The Gut Microbiome in Autism	\$693,049	3.2	Baylor College of Medicine
National Institutes of Health	Developmental Functional Genomics in ASD Toddlers	\$581,735	1.3	University of California, San Diego
National Institutes of Health	Transcriptional Regulation of Synapse Development in Intellectual and Developmental Disorders	\$373,750	2.1	Medical University of South Carolina
National Institutes of Health	Prenatal SSRI Exposure, Maternal and Child Genotype, and Autism Spectrum Disorders	\$644,772	3.2	Kaiser Foundation Research Institute
National Institutes of Health	Parsing ASD Heterogeneity: Neuroendophenotypes of Social Attention and Sensory Responsivity	\$298,312	2.1	University of California Los Angeles
National Institutes of Health	Homeostatic Stabilization of Neural Function in Health and Disease	\$1,174,199	2.1	University of California, San Francisco
National Institutes of Health	Recruitment and Assessment Core	\$311,276	7.Core/Other	Duke University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	1/5-The Autism Biomarkers Consortium for Clinical Trials	\$417,095	4.1	Yale University
National Institutes of Health	Neural Signatures, Developmental Precursors, and Outcomes in Young Children with ASD and ADHD	\$466,171	2.2	Duke University
National Institutes of Health	Administrative Core	\$156,322	7.Core/Other	Duke University
National Institutes of Health	Prenatal Origins of Neurometabolic Consequences	\$319,550	2.1	University of California Los Angeles
National Institutes of Health	3/4 - The Autism Sequencing Consortium: Autism Gene Discovery in >50,000 Exomes	\$391,692	3.1	University of Pittsburgh at Pittsburgh
National Institutes of Health	Neural Signatures of Outcome in Preschoolers with Autism	\$717,394	2.3	Child Mind Institute, Inc.
National Institutes of Health	Neuronal Correlates of Autistic Traits in ADHD and Autism	\$696,598	2.1	Child Mind Institute, Inc.
National Institutes of Health	Dissemination and Outreach Core	\$157,165	7.Core/Other	Duke University
National Institutes of Health	Regulation of Mammalian Social Behavior by the Gtf2i Family of Proteins	\$504,828	2.1	Washington University
National Institutes of Health	Highly Parallel Analysis of 5' and 3' UTR Variants in Autism Spectrum Disorders	\$616,856	3.1	Washington University
National Institutes of Health	Maternal Immune Activation in a Genetic Mouse Model of ASD	\$375,318	2.1	University of Nebraska Medical Center
National Institutes of Health	Subnetwork-based Quantitative Imaging Biomarkers for Therapy Assessment in Autism	\$371,982	1.3	Yale University
National Institutes of Health	Cognitive Enhancement Therapy for Adult Autism Spectrum Disorder	\$618,303	4.2	University of Pittsburgh at Pittsburgh
National Institutes of Health	Rare Mutations and Autism Spectrum Disorders	\$734,245	3.1	University of Washington
National Institutes of Health	Characterizing Lexical Processing in Toddlers with Autism Spectrum Disorders	\$533,529	2.1	University of Wisconsin-Madison
National Institutes of Health	Thalamocortical Circuit Defects in Developmental Brain Disorders	\$497,444	2.1	University of Maryland Baltimore
National Institutes of Health	A Novel Framework for Impaired Imitation in ASD	\$529,137	2.1	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
National Institutes of Health	Functional Architecture of a Face Processing Area in the Common Marmoset	\$49,524	2.1	Weill Medical Coll of Cornell Univ
National Institutes of Health	Characterizing Mechanistic Heterogeneity across ADHD and Autism	\$194,969	2.1	Oregon Health & Science University
National Institutes of Health	Charting the Trajectory of Executive Control in Autism in order to Optimize Delivery of Intervention	\$572,970	2.1	Boston Children's Hospital

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Prenatal Exposure to Metals and Risk for Autism Spectrum Disorder in MARBLES and EARLI	\$621,925	3.3	Johns Hopkins University
National Institutes of Health	Statistical Methods for Ultrahigh-Dimensional Biomedical Data	\$308,503	2.Core/Other	Princeton University
National Institutes of Health	Early Identification and Service Linkage for Urban Children with Autism	\$1,403,202	1.2	Boston University Medical Campus
National Institutes of Health	Early Identification and Service Linkage for Urban Children with Autism: Option 1 Risks and Benefits of Early ASD Screening	\$42,942	1.1	Boston University Medical Campus
National Institutes of Health	Early Identification and Service Linkage for Urban Children with Autism	\$195,322	1.2	Boston University Medical Campus
National Institutes of Health	Early Identification and Service Linkage for Urban Children with Autism: Option 2 Testing Broadband Screening Instruments in Young Children	\$82,576	1.3	Boston University Medical Campus
National Institutes of Health	Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder	\$519,969	2.3	San Diego State University
National Institutes of Health	Sensory Consequences of Action in Children with Autism Spectrum Disorders	\$205,798	2.1	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Pilot Study to Improve Access to Early Intervention for Autism in Africa	\$179,284	4.2	Duke University
National Institutes of Health	Gabaergic Neurophysiology in Autism Spectrum Disorder	\$195,048	2.1	Stanford University
National Institutes of Health	Functional Analysis of Neuroligin-Neurexin Interactions in Synaptic Transmission	\$366,406	2.1	Univ of Massachusetts Med Sch Worcester
National Institutes of Health	Genetics of Conotruncal Defects and Associated Neurodevelopmental Outcomes	\$453,446	2.2	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Genetics and Biomarkers Core	\$338,813	2.1	University of California Los Angeles
National Institutes of Health	Autism Genetics Phase II: Increasing Representation of Human Diversity	\$2,405,991	3.1	University of California Los Angeles
National Institutes of Health	1/3 Building Integrative CNS Networks for Genomic Analysis of Autism	\$578,940	3.1	University of California Los Angeles
National Institutes of Health	2/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$155,817	2.1	University of California Los Angeles
National Institutes of Health	2/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$634,770	3.1	University of California Los Angeles
National Institutes of Health	1/2 Cross Modal Integration of Molecular and Physiological Networks in ASD	\$1,083,373	2.1	University of California Los Angeles
National Institutes of Health	Elucidating Cutaneous Mechanosensory Circuits, from Development to Disease	\$831,501	2.1	Harvard Medical School
National Institutes of Health	Mosaicism in Focal Cortical Dysplasias Spectrum Seen in Neuropsychiatric Disease	\$967,385	2.2	University of California, San Diego

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Underlying Neuronal Circuitry of Attention in Both Sexes of a Rat Model of Fragile X Syndrome	\$42,924	2.CC	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Scalable Technologies for Genome Engineering in hIPSCs	\$408,610	2.1	University of California, San Diego
National Institutes of Health	Repetitive Thinking and Emotional Health in Adults with ASD	\$483,956	6.2	Vanderbilt University Medical Center
National Institutes of Health	Neurotrophic Factor Regulation of Gene Expression	\$623,443	2.1	Harvard Medical School
National Institutes of Health	Neuronal Activity-Dependent Regulation of MeCP2	\$547,924	2.1	Harvard Medical School
National Institutes of Health	Characterizing the (Epi)Genetics of Oxytocin Response in Clinical and Animal Models	\$592,986	3.3	Duke University
National Institutes of Health	Integrating the Genomics of Autism Spectrum Disorders(ASD) in Consanguineous and "Idiopathic" Families	\$587,312	3.1	Yale University
National Institutes of Health	Dissemination and Outreach Core	\$61,827	7.3	Emory University
National Institutes of Health	Dissecting Recurrent Microdeletion Syndromes Using Dual-Guide Genome Editing	\$580,798	2.1	Massachusetts General Hospital
National Institutes of Health	The Future of Genomics Medicine in Patient Care: Contributions from CHOP	\$906,296	3.1	Children's Hospital of Philadelphia
National Institutes of Health	Support the Ongoing Operations of the National Database for Autism Research - NDAR	\$179,000	7.2	Omnitec Solutions, Inc
National Institutes of Health	IGF::OT::IGF Management and Operations Support for the National Database for Autism Research	\$7,160,870	7.2	Omnitec Solutions, Inc
National Institutes of Health	Effects of Social Gaze Training on Brain and Behavior in Fragile X Syndrome	\$406,696	2.1	Stanford University
National Institutes of Health	Creation and Evaluation of iPSCs from Children with ASD with Megalencephaly	\$436,429	2.2	University of California at Davis
National Institutes of Health	High Content Assays for Cellular and Synaptic Phenotypes	\$523,284	2.Core/Other	University of California, San Diego
National Institutes of Health	Identifying Phenotypic Convergence Among Autism Spectrum Disorder (ASD) Genes Using CRISPR/Cas9 in Xenopus	\$196,250	2.1	University of California Berkeley
National Institutes of Health	Bidirectional Tyrosine Kinase Signaling	\$506,652	2.1	Ut Southwestern Medical Center
National Institutes of Health	Pre-adolescent and Late-adolescent Follow-up of the CHARGE Study Children	\$4,522,143	2.3	University of California at Davis
National Institutes of Health	Environmental Influence on Infant Microbiome Development and ASD Symptoms	\$671,599	2.Core/Other	University of California at Davis

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Environmental Influence on Infant Microbiome Development and ASD Symptoms	\$99,712	2.Core/Other	University of California at Davis
National Institutes of Health	Adult Neurogenesis and Executive Function	\$208,772	2.1	Albert Einstein College of Medicine
National Institutes of Health	Structure and Function of Neonatal Social Communication in Genetic Mouse Models of Autism	\$219,473	2.1	Albert Einstein College of Medicine
National Institutes of Health	Adaptive Web-based Software for Enhancing Social Communication Skills in Youth with Autism Spectrum Disorder to Facilitate Employment Success	\$209,696	6.2	3-C Institute For Social Development
National Institutes of Health	Identification of Neural Mechanisms Linking Autism-Risk Gene Disruptions with Impaired Social Behavior	\$128,601	2.1	University of California Los Angeles
National Institutes of Health	Mapping Multi-Omics Networks in Microglia Across Autism Models	\$105,790	2.1	University of California at Davis
National Institutes of Health	Understanding Transcriptional Mechanisms Critical for Neural Development	\$30,442	2.1	Washington University
National Institutes of Health	Functional Connectomics Associated with ASD	\$376,587	2.CC	Yale University
National Institutes of Health	Examining Stress and Arousal Across Pubertal Development in ASD	\$488,319	2.2	Vanderbilt University Medical Center
National Institutes of Health	Investigating Social Competence in Youth with Autism: A Multisite RCT	\$784,741	4.2	Vanderbilt University Medical Center
National Institutes of Health	3/3 Chromatin Regulation During Brain Development and in ASD	\$355,941	2.1	Duke University
National Institutes of Health	An Integrated Approach to Establish the Scientific Foundation for Driving Among Adolescents with Autism	\$714,540	6.3	Children's Hospital of Philadelphia
National Institutes of Health	Gastrointestinal Comorbidities in Autism Spectrum Disorders	\$217,735	2.2	University of Miami Coral Gables
National Institutes of Health	Examining the Function of Biological Sex Specific Genes: The NLGN4s	\$354,062	2.CC	Thomas Jefferson University
National Institutes of Health	Parsing ASD Heterogeneity: Neuroendophenotypes of Social Attention and Sensory Responsivity	\$860,901	2.1	University of California Los Angeles
National Institutes of Health	Brain Connectivity and the Role of Myelin in Autism Spectrum Disorders	\$134,757	2.1	University of Wisconsin-Madison
National Institutes of Health	Vocal Sensorimotor Control and Voice Abnormalities in Autism Spectrum Disorders	\$199,098	2.1	University of California, San Francisco
National Institutes of Health	Dopamine Transporter Dysfunction in Autism Spectrum Disorder	\$29,204	2.1	Vanderbilt University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Adapting an ASD Executive Functioning Intervention for Implementation in Children's Mental Health Services	\$168,472	5.1	San Diego State University
National Institutes of Health	Characterizing Neural Adaptation in Autism Spectrum Disorder	\$58,654	2.1	Massachusetts Institute of Technology
National Institutes of Health	Optical Imaging Tools for Elucidating the Roles of Anions and Anionic Modifications in Cellular Signaling	\$382,500	2.1	University of Texas Dallas
National Institutes of Health	Characterization of a Novel Population of Parvocellular Oxytocin Neurons Controlling Social Reward Learning	\$491,250	2.1	Johns Hopkins University
National Institutes of Health	Clinical Trial of the Effects of Therapy Dogs on Social Behavior in Group Social Skills Instruction with Children with Autism	\$177,425	4.2	Texas Tech University
National Institutes of Health	Neural Mechanisms of Live Joint Attention in Autism Spectrum Disorders: An fNIRS Hyperscanning Investigation	\$29,244	2.1	Yale University
National Institutes of Health	Surviving and Thriving in the Real World: A Daily Living Skills Intervention for Adolescents with Autism Spectrum Disorder	\$163,620	6.3	Cincinnati Children's Hospital Medical Center
National Institutes of Health	Data Coordinating Core	\$928,131	4.1	Yale University
National Institutes of Health	Somatosensory Inhibitory Dysfunction in Autism Spectrum Disorder	\$479,262	2.1	Johns Hopkins University
National Institutes of Health	A Longitudinal Study of Brain Development in Children with Autism	\$642,364	2.1	Children's Hospital of Philadelphia
National Institutes of Health	Imaging Brain Function in Children with Autism Spectrum Disorders with Diffuse Optical Tomography	\$142,015	2.1	Washington University
National Institutes of Health	Mapping Language Processing in Children with Autism Spectrum Disorder with Diffuse Optical Tomography	\$228,750	2.1	Washington University
National Institutes of Health	Optimal Outcomes in ASD: Adult Functioning, Predictors, and Mechanisms	\$766,991	2.3	University of Connecticut Storrs
National Institutes of Health	Toward 3D Human Brain-Like Tissues for Targeting Dysregulated Synapse and Proteostasis Mechanisms in Autism Spectrum Disorder	\$63,282	2.1	Tufts University Medford
National Institutes of Health	Developing an Intervention to Improve Independent Functioning and Health and Reduce Victimization Risk for Adults with Autism	\$101,718	6.3	Boston Children's Hospital
National Institutes of Health	Preclinical Imaging of Adolescent Cannabidiol on Brain Structure and Functional Connectivity	\$76,250	4.1	University of Florida

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	The Neural Architecture of Pragmatic Processing	\$397,500	2.1	Massachusetts Institute of Technology
National Institutes of Health	Rapid Inhibitory Circuit Plasticity as a Homeostatic Mechanism in Cerebral Cortex	\$358,730	2.1	University of California Berkeley
National Institutes of Health	A Drug-Screening Platform for Autism Spectrum Disorders Using Human Neurons and Astrocytes	\$127,680	4.1	National Institute of Health - Intramural
National Institutes of Health	SkillTalk: Communication Training around Sexual Health Topics for Parents of Youth with Autism Spectrum Disorder	\$224,959	6.1	Dfusion, Inc.
National Institutes of Health	Visualization of Oxytocin Receptor for Translational Social Neuroscience	\$231,600	2.1	University of California at Davis
National Institutes of Health	Abnormal Prefrontal Network Structure Underlying Anxiety in Autism	\$200,178	2.1	University of California, San Francisco
National Institutes of Health	Mechanisms Underlying Sensory Over-Responsivity in ASD and Early Adversity	\$201,812	2.1	University of California Los Angeles
National Institutes of Health	In Vivo Ultra-High Field Anatomical Evidence of Cortical Abnormalities in ASD	\$249,259	2.1	Massachusetts General Hospital
National Institutes of Health	Gene Expression Profiling of iPSC Derived Neurons in Autism Spectrum Disorder	\$803,452	3.1	Stanford University
National Institutes of Health	2/3 Building Integrative CNS Networks for Genomic Analysis of Autism	\$278,880	3.1	Massachusetts General Hospital
National Institutes of Health	Neuroimaging Predictors of Pivotal Response Treatment in Young Children with Autism	\$235,500	4.2	Stanford University
National Institutes of Health	Epigenetic Influence on Thyroid Hormone Action in the Brain and on Behavior	\$389,000	3.3	Mainehealth
National Institutes of Health	Neurophysiological and Neuroanatomical Processes Related to Autism Spectrum Disorder in Neurofibromatosis Type 1	\$215,000	2.1	Children's Hospital of Philadelphia
National Institutes of Health	High-Throughput Functional Analysis of Autism Risk Genes	\$418,750	2.1	Yale University
National Institutes of Health	Regulation of Experience-Dependent Cortical Circuit Development by MEF2C and Genes Linked to Neurodevelopmental Disorders	\$399,770	2.1	Ut Southwestern Medical Center
National Institutes of Health	Early Intensive Behavioral Intervention for Autism	\$319,550	4.2	University of Rochester
National Institutes of Health	Novel Statistical Methods for DNA Sequencing Data, and Applications to Autism	\$478,313	3.1	Columbia University Health Sciences
National Institutes of Health	Neurobiological Signatures of Perception of Audiovisual Speech in Children with Autism Spectrum Disorders	\$394,859	2.1	Southern Connecticut State University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Impact of Multisensory Function on Symptomatology in Young Children with ASD	\$195,916	2.3	San Diego State University
National Institutes of Health	3/5-The Autism Biomarkers Consortium for Clinical Trials	\$413,293	4.1	Yale University
National Institutes of Health	Mechanisms of Change with Early Intervention in Tuberous Sclerosis Complex	\$524,169	4.2	University of California Los Angeles
National Institutes of Health	Beyond Baby Siblings: Early Developmental Trajectories and Biomarkers of Risk for ASD	\$301,396	1.3	University of California Los Angeles
National Institutes of Health	The Development of the Temporal Organization of Perception in Autism Spectrum Disorder	\$228,750	2.1	University of Massachusetts Boston
National Institutes of Health	The Efficacy of a Visualizing Reading Intervention on Improving the Brain's Reading Network in Children with Autism	\$564,897	4.2	University of Alabama at Birmingham
National Institutes of Health	PTP1B Inhibitors for the Treatment of Rett Syndrome	\$204,406	4.1	Case Western Reserve University
National Institutes of Health	Understanding Attentional Strengths and Weaknesses in Autism Spectrum Disorder	\$226,857	2.1	Purdue University
National Institutes of Health	Novel Non-Cell Autonomous Mechanisms of Callosal Dysgenesis in CHARGE Syndrome	\$28,345	2.Core/Other	University of Michigan at Ann Arbor
National Institutes of Health	PCBs and Heritable Mutations in Calcium Signaling Act via DNA Methylation to Disrupt Dendritic Growth and Plasticity	\$18,714	3.3	University of California at Davis
National Institutes of Health	Investigating the Cerebellar Circuit Substrate for Modulating ASD Core Diagnostic Behaviors	\$38,124	2.1	Ut Southwestern Medical Center
National Institutes of Health	Using Complex Video Stimuli to Elucidate Atypical Brain Functioning in ASD	\$546,067	2.1	Indiana University Bloomington
National Institutes of Health	Binding of synGAP to PDZ Domains of PSD-95 and its Role in Intellectual Disability and Autism Spectrum Disorders Caused by synGAP Haploinsufficiency	\$449,405	2.1	California Institute of Technology
National Institutes of Health	Cerebellum and Mental Disorders	\$326,512	2.1	Albert Einstein College of Medicine
National Institutes of Health	Unpacking Treatment Mechanisms: Combining Evidence from Three Early Intervention Models for Autism Spectrum Disorder (ASD)	\$446,812	4.2	Weill Medical Coll of Cornell Univ
National Institutes of Health	Electrophysiological Markers for Interventions in Phelan-McDermid Syndrome and Idiopathic Autism	\$648,380	2.1	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Multiscale Genetic Connectivity of Primate Social Circuits	\$636,124	2.1	University of Utah

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	The Psychiatric Cell Map Initiative: Connecting Genomics, Subcellular Networks, and Higher Order Phenotypes	\$3,641,916	2.1	University of California, San Francisco
National Institutes of Health	Atypical Late Neurodevelopment in Autism: A Longitudinal Clinical Phenotype and Multimodal Brain Imaging Study	\$760,319	2.3	University of Wisconsin-Madison
National Institutes of Health	PCB Epigenomic Brain & Behavior Lasting Effects Study (PEBBLES)	\$501,836	3.3	University of California at Davis
National Institutes of Health	Dissemination and Outreach Core	\$141,546	7.Core/Other	University of California Los Angeles
National Institutes of Health	Impact of Cumulative Genetic Risk on Brain Connectivity in ASD	\$38,319	3.1	University of California Los Angeles
National Institutes of Health	Social Rhythmic Entrainment and Language Development in Autism Spectrum Disorders	\$158,000	2.1	Vanderbilt University Medical Center
National Institutes of Health	Resveratrol-Mediated Regulation of Inflammatory Pathways in Autism Spectrum Disorders	\$219,750	4.1	University of South Carolina at Columbia
National Institutes of Health	Aging in Autism Spectrum Disorder: Outcomes and Indicators	\$202,183	6.2	Canisius College
National Institutes of Health	Signaling Mechanisms Underlying Epilepsy and Autism Comorbidity	\$415,500	2.2	Baylor College of Medicine
National Institutes of Health	Oxidative Stress Pathways and Placental Pathology in Association with Autism Spectrum Disorder and Neurodevelopment	\$245,526	3.2	Drexel University
National Institutes of Health	Neuroethics of Predictive MRI Testing: Parental Attitudes towards Pre-Symptomatic Identification of Autism Spectrum Disorder	\$63,654	1.Core/Other	University of Washington
National Institutes of Health	Genetic Models for Social Attachment Deficits in Psychiatric Illness	\$184,131	2.1	University of California, San Francisco
National Institutes of Health	Defining the Molecular Mechanisms of Sex Differences in Cognitive Function	\$446,742	2.CC	George Washington University
National Institutes of Health	Transcriptional Signature Profiling of IGF1-Treated Neural Cells from Idiopathic Autistic Patients	\$96,200	4.1	Salk Institute For Biological Studies
National Institutes of Health	The Spatiotemporal Landscape of the Human Brain Epitranscriptome	\$685,392	3.1	Weill Medical Coll of Cornell Univ
National Institutes of Health	Social-Communicative Deficits in Autism Spectrum Disorder as Measured by mGluR5 Positron Emission Tomography	\$251,250	2.1	Yale University
National Institutes of Health	Project 2: The Impact of Assisted Reproductive Technologies on the Long-Term Epi	\$269,500	3.1	University of Hawaii at Manoa
National Institutes of Health	Epigenomic Dysregulation of Neurodevelopmental Genes Underlies Autism Spectrum Disorders	\$192,500	2.1	University of Hawaii at Manoa

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Functional Connectivity in Developmental Delay: Shared Etiology and Differential Outcomes	\$221,250	2.1	University of Oregon
National Institutes of Health	Administrative Core	\$923,289	4.1	Yale University
National Institutes of Health	5/5-The Autism Biomarkers Consortium for Clinical Trials	\$426,029	4.1	Yale University
National Institutes of Health	Familial Risk for ASD Alters Connectivity in Developing Brain	\$206,385	2.1	Yale University
National Institutes of Health	Development of Corticostriatal Networks in Health and Disease	\$44,364	2.1	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Understanding the Biology of Language Impairment through Whole Genome Sequencing	\$629,574	2.1	University of Iowa
National Institutes of Health	Validation of a Salivary miRNA Diagnostic Test for Autism Spectrum Disorder	\$592,573	1.3	Quadrant Biosciences, Inc.
National Institutes of Health	Massively Parallel Functional Analyses of Human PTEN Variants	\$44,524	2.1	Oregon Health & Science University
National Institutes of Health	Secondary Data Analysis of Universal Autism Screening in a Large Primary Care Network: The Impact of Early Autism Screening on Age of Diagnosis, Referral, and Entry into Intervention (R03)	\$86,000	1.1	Children's Hospital of Philadelphia
National Institutes of Health	Shared and Distinct Developmental Pathways to ADHD and Autism Spectrum Disorder	\$247,094	2.2	University of California at Davis
National Institutes of Health	Motor Abnormalities and Functional Brain Mechanisms in Autism Spectrum Disorder	\$470,911	2.1	University of Kansas Lawrence
National Institutes of Health	Therapeutic Potential and Mechanisms of Tau Reduction in Autism Models	\$750,148	2.1	J. David Gladstone Institutes
National Institutes of Health	ASD-Relevant Gene-Immune Interactions in the Developing Brain	\$36,945	2.1	Stanford University
National Institutes of Health	Neural Basis of Social Cognition Deficits in Youth with Autism and Schizophrenia	\$118,761	2.1	University of California Los Angeles
National Institutes of Health	Statistical Methods to Localize Disease Heritability and Identify Biological Mechanisms	\$849,495	3.1	Broad Institute, Inc.
National Institutes of Health	Mindfulness and Parent Stress Reduction: Improving Outcomes for Children with Autism Spectrum Disorder	\$465,324	4.2	Loma Linda University
National Institutes of Health	2/5-The Autism Biomarkers Consortium for Clinical Trials	\$427,653	4.1	Yale University
National Institutes of Health	Parent-Toddler EEG Neural Synchrony as a Window into Social Communication Deficits in Autism	\$232,646	2.1	Northwestern University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Resilience in Action: Building Resilience and Appropriate Independence in Young Adults with Autism	\$246,115	6.1	University of California, San Francisco
National Institutes of Health	Understanding Somatosensory Deficits in Autism Spectrum Disorders	\$88,884	2.1	Harvard Medical School
National Institutes of Health	Engaging Siblings of Adults with Autism in Future Planning	\$312,797	6.3	Boston University (Charles River Campus)
National Institutes of Health	Impact of Pten Mutations on Brain Growth and Social Behavioral Development.	\$480,000	3.3	Scripps Florida
National Institutes of Health	Regulation of mTOR Signaling in the Developing Cerebral Cortex as a Point of Convergence for Multiple Autism Risk Factors	\$480,000	2.1	Scripps Florida
National Institutes of Health	Early Development in Agenesis of the Corpus Callosum	\$262,280	2.1	California Institute of Technology
National Institutes of Health	Beyond Diagnostic Classification of Autism: Neuroanatomical, Functional, and Behavioral Phenotypes	\$381,250	2.1	University of Utah
National Institutes of Health	Support of Collaborative Studies of Exposure to Environmental Contaminants in Relation to Child Health in the Generation R Study	\$71,296	3.2	Tno Defence, Security and Safety
National Institutes of Health	Connectivity of the Posterior Cerebellum	\$41,124	2.1	Princeton University
National Institutes of Health	Optogenetic Monitoring and Modulation of Nucleus Accumbens Microcircuitry in Cognition	\$59,038	2.1	University of Minnesota
National Institutes of Health	Neurogenetic Mechanisms of Sensory Circuit Plasticity	\$308,000	2.CC	University of Rochester
National Institutes of Health	Clinical Characterization Core	\$421,107	2.Core/Other	Yale University
National Institutes of Health	Cortical Spread of Hippocampal Hyperactivity in Rett Syndrome	\$457,549	2.1	University of Alabama at Birmingham
National Institutes of Health	Automated Analysis of Pragmatic Language Development in ASD	\$174,443	1.3	Boston College
National Institutes of Health	Chemicogenetic Rescue of Autism-Like Social Deficits in Shank3-Deficient Mice	\$79,750	4.1	State University of New York, Stony Brook
National Institutes of Health	Molecular Mechanism of Hippocampal Network Excitability in a Novel, In Vivo Model of Tuberous Sclerosis Complex	\$335,999	2.2	Wake Forest University Health Sciences
National Institutes of Health	Epidemiological Research on Autism in Jamaica - Phase II	\$552,583	3.3	University of Texas Hlth Sci Ctr Houston
National Institutes of Health	Systems Level Integration of Genetic, Transcriptomic, and Epigenomic Data in Autism	\$59,038	3.1	University of California Los Angeles

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Pathways of Social Contingency for Navigating Developmental Landscapes of Risk in ASD: Developmental Progressions and Pivotal Transitions in Infant-Caregiver Vocal Interaction	\$354,043	2.1	Emory University
National Institutes of Health	Data Management and Analysis Core	\$62,926	7.Core/Other	Emory University
National Institutes of Health	Autism and Skilled Employment: An Exploratory Study to Inform Future Intervention	\$227,205	6.3	Portland State University
National Institutes of Health	Data-Driven Multidimensional Modeling of Nonverbal Communication in Typical and Atypical Development	\$405,254	4.2	Georgia Institute of Technology
National Institutes of Health	Road to Discovery for Combination Probiotic BB-12 with LGG in Treating Autism Spectrum Disorder	\$425,155	4.1	University of Texas Hlth Sci Ctr Houston
National Institutes of Health	Development of a Novel Neurotechnology to Promote Emotion Recognition in Autism	\$237,842	4.3	Virginia Polytechnic Inst and St Univ
National Institutes of Health	Endocrine Disrupting Chemicals, Epigenetic Alterations, and Autism-Like Behaviors in the Highly Social California Mouse Model	\$374,647	3.3	University of Missouri-Columbia
National Institutes of Health	Cortical Plasticity in Autism Spectrum Disorders	\$437,682	2.1	Beth Israel Deaconess Medical Center
National Institutes of Health	Circuit-level substrates of ASD-related cognitive and behavioral impairments	\$860,721	2.1	Scripps Florida
National Institutes of Health	Underlying Mechanisms of Cerebellar tDCS	\$296,254	4.3	New Jersey Institute of Technology
National Institutes of Health	Clinical Assessment Core	\$268,931	7.Core/Other	Emory University
National Institutes of Health	Using Serious Game Technology to Improve Sensitivity to Eye Gaze in Autism	\$536,881	4.3	Pennsylvania State University-Univ Park
National Institutes of Health	Folic Acid Prevention Pathways for ASD in High Risk Families	\$564,956	3.2	University of California at Davis
National Institutes of Health	Folic Acid Prevention Pathways for ASD in High Risk Families	\$157,000	3.2	University of California at Davis
National Institutes of Health	BUILDS MARBLES: Biorepository Upkeep and Infrastructure for Longitudinal Data Sharing for MARBLES	\$392,498	7.1	University of California at Davis
National Institutes of Health	Typical and Pathological Cellular Development of the Human Amygdala	\$392,500	2.1	University of California at Davis
National Institutes of Health	Molecular and Neural Networks Underlying Social Attachment	\$615,653	2.1	STANFORD UNIVERSITY
National Institutes of Health	Gene-Brain-Environment Interactions as Determinants of Typical and Atypical Developmental Trajectories	\$75,492	2.1	University of California Los Angeles

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Cellular and Molecular Mechanisms Disrupted in 22q13 Deletion Syndrome and Autism	\$380,626	2.1	University of Utah
National Institutes of Health	Mechanisms of Epilepsy in Human Neurodevelopmental Disorders: Focus on Phelan-McDermid Syndrome	\$228,500	2.2	University of Utah
National Institutes of Health	Alternative Approaches to Supporting ASD Services for Young Adults	\$485,586	6.1	Drexel University
National Institutes of Health	Axonal Transport Regulates Synaptic Function and Axonal Homeostasis	\$1,732,619	2.1	NIH Intramural Program
National Institutes of Health	Mechanisms of Visual Encoding and Plasticity in Anterior Cingulate Cortex	\$94,869	2.1	Univ of North Carolina Chapel Hill
National Institutes of Health	Phenotypic Characterization of Novel Models of Dup15q Syndrome	\$343,438	2.1	University of California at Davis
National Institutes of Health	Virtual Job Interview Training for Transition Age Youth with ASD	\$239,349	6.1	University of Michigan at Ann Arbor
National Institutes of Health	Achieving Competitive Customized Employment through Specialized Services (ACCESS)	\$261,625	6.3	University of South Florida
National Institutes of Health	Robust 1H MRSI of GABA, Glutamate, Glutamine, and Glutathione	\$334,606	2.1	Stanford University
National Institutes of Health	The Relationship Between Language and the Brain in Neurodevelopmental Disorders	\$170,259	2.1	University of Wisconsin-Madison
National Institutes of Health	Mechanisms of Synapse Remodeling in TSC	\$126,066	2.2	Boston Children's Hospital
National Institutes of Health	MRI-based Biomarkers for Regional Brain Abnormalities in Autism Spectrum Disorder: From Newborns to Young Adults	\$265,500	2.3	Boston Children's Hospital
National Institutes of Health	The Extraordinary Babies Study: Natural History of Health and Neurodevelopment in Infants and Young Children with Sex Chromosome Trisomy	\$534,473	2.3	University of Colorado Denver
National Institutes of Health	Telehealth Assessment of Syndromic Autism Risk in Infants	\$182,514	1.3	Purdue University
National Institutes of Health	Novel Therapy for Fragile X Syndrome	\$317,514	4.1	Epigen Biosciences, Inc.
National Institutes of Health	Cognitive and Neural Flexibility in Autism	\$445,328	2.1	University of Miami Coral Gables
National Institutes of Health	The Influence of Visual Perceptual Salience on Word Processing and Word Learning in Young Children with Autism Spectrum Disorder	\$155,000	2.1	Michigan State University
National Institutes of Health	Neural Function of the Human Memory-Associated Protein KIBRA: Bridging Molecular to Circuit-Level Function	\$405,000	2.1	Ut Southwestern Medical Center
National Institutes of Health	Dissemination and Outreach Core	\$94,952	7.3	Yale University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Autoscreen: an Innovative E-Health Solution for Early Identification of Autism Spectrum Disorder	\$224,978	1.2	Adaptive Technology Consulting, Llc
National Institutes of Health	Autonomic Activity and Relations with Social Development in Infants at Low and High Risk for Autism Spectrum Disorder	\$400,495	2.3	College of Staten Island
National Institutes of Health	Metabolic and Microbiome Mechanisms Linking Gestational Phthalate Exposure with Child ASD Risk	\$193,000	3.2	University of California at Davis
National Institutes of Health	Maternal Obesity and Weight Change in Neurobehavioral Development	\$495,627	3.2	University of California at Davis
National Institutes of Health	QuBBD: Wearable Artificial intelligence for Bid Data-Driven Healthcare in Child Development	\$384,860	4.3	Stanford University
National Institutes of Health	Evaluation of Machine Learning to Mobilize Detection and Therapy of Developmental Delay in Children	\$235,500	4.3	Stanford University
National Institutes of Health	Research Project: Sensory and Multisensory Contributions to Autism	\$347,769	2.1	Vanderbilt University Medical Center
National Institutes of Health	Measurement of Social Communication Outcomes in Young Children with Autism Spectrum Disorder	\$156,000	1.3	Ohio State University
National Institutes of Health	Imaging Adaptive Cerebellar Processing at Cellular Resolution in Awake Mice	\$428,215	2.1	Princeton University
National Institutes of Health	Cerebellar Determinants of Flexible and Social Behavior on Rapid Time Scales in Autism Model Mice	\$946,977	2.1	Princeton University
National Institutes of Health	The Effects of Parenting on the Development and Behavior of Adolescents with FXS	\$482,839	2.3	University of Kansas Lawrence
National Institutes of Health	Decoding the Genetics of Sexual Dimorphism in Autism Spectrum Disorders	\$396,250	3.CC	University of California, San Francisco
National Institutes of Health	Utilizing eQTL Networks to Gain Biological Insight into Multigenic CNVs	\$395,638	3.1	University of California, San Francisco
National Institutes of Health	Defining the Molecular Basis of Autism Caused by Inherited Null Mutations in BAF53B	\$36,305	2.1	Stanford University
National Institutes of Health	Does Soy Infant formula Exacerbate Seizures in Fragile X?	\$76,500	3.2	University of Wisconsin-Madison
National Institutes of Health	Early Features of Autism Risk in Down Syndrome	\$59,528	1.3	University of South Carolina at Columbia
National Institutes of Health	The Role of Kit Signaling in Cerebellar Development	\$103,005	2.1	Dartmouth College
National Institutes of Health	Core C - Model Systems Core	\$230,423	7.Core/Other	Washington University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Role of Autism Susceptibility Gene, TAOK2 Kinase, and its Novel Substrates in Synaptogenesis	\$249,000	2.1	University of Washington
National Institutes of Health	Genomics Core	\$210,815	2.Core/Other	University of California, San Diego
National Institutes of Health	Single-Cell Approaches to Deconvolution of Disease-Associated Signals	\$837,955	2.Core/Other	University of California, San Diego
National Institutes of Health	Administrative Core	\$248,767	7.Core/Other	University of California, San Diego
National Institutes of Health	Roles of Oxytocin and Vasopressin in Brain	\$1,986,027	2.1	National Institute of Health - Intramural
National Institutes of Health	Complete Gene Knockouts in Autism: Identification and Functional Characterization	\$442,500	3.1	Boston Children's Hospital
National Institutes of Health	Mosaic Analysis with Double Markers in the Study of Neuronal Migration Disorders	\$235,500	2.1	University of California at Davis
National Institutes of Health	Glutamatergic Synapse Formation and Function	\$387,500	2.1	University of California, San Diego
National Institutes of Health	Improving Community Mental Health Services for Adults with ASD and Co-Occurring Psychiatric Disorders	\$62,242	6.2	University of Pennsylvania
National Institutes of Health	Defining the Molecular Origins of Developmental Brain Disorders	\$32,566	3.3	University of Wisconsin-Madison
National Institutes of Health	Cellular and Molecular Analysis of the Schizophrenia and Autism Spectrum Disorder Gene Transcription Factor 4 (TCF4)	\$456,500	2.1	Lieber Institute, Inc.
National Institutes of Health	RCT of TeachTown in Autism Support Classrooms: Innovation and Exnovation	\$571,714	5.1	University of Pennsylvania
National Institutes of Health	Mechanisms of Developmental Spine Pruning Regulated by IgCAMs and Semaphorins	\$388,750	2.1	Univ of North Carolina Chapel Hill
National Institutes of Health	Advancing Early Behavioral and Neural Phenotypes of Social Motivation in ASD	\$185,929	2.1	Washington University
National Institutes of Health	The Cognitive Neuroscience of Autism Spectrum Disorders	\$907,757	2.1	National Institute of Health - Intramural
National Institutes of Health	Dimensional Analysis of Developmental Brain Disorders Using an Online, Genome-First Approach	\$574,308	3.1	Geisinger Clinic
National Institutes of Health	Gender Differences in Quantitative Measures of Autonomic Function and Clinical Features of the Autism Phenotype	\$105,440	2.CC	Geisinger Clinic
National Institutes of Health	Chandellier Interneurons and the Excitation/Inhibition Balance in the Human Prefrontal Cortex in Autism	\$383,400	2.1	University of California at Davis
National Institutes of Health	Optimizing Prediction of Social Deficits in Autism Spectrum Disorders	\$474,470	2.1	State University of New York, Stony Brook

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Change-sensitive Measurement of Emotion Dysregulation in ASD	\$434,478	1.3	University of Pittsburgh at Pittsburgh
National Institutes of Health	Proof of Mechanism Study for the Treatment of Social Anhedonia in ASD	\$286,244	4.1	University of California Los Angeles
National Institutes of Health	Clinical Phenotyping Core	\$219,548	7.Core/Other	University of California Los Angeles
National Institutes of Health	Translational Core (Core E)	\$167,407	7.Core/Other	University of California Los Angeles
National Institutes of Health	Infant Social Development: From Brain to Behavior	\$51,775	1.3	University of California Los Angeles
National Institutes of Health	Learning and Brain Plasticity in Children with Autism: Relation to Cognitive Inflexibility and Restricted-Repetitive Behaviors	\$724,432	2.1	Stanford University
National Institutes of Health	Molecular Mechanisms of Electrical Synapse Formation In Vivo	\$249,000	2.1	University of Oregon
National Institutes of Health	Visuomotor Integration and Attention in Autism Spectrum Disorder	\$188,447	2.1	University of North Texas Health Science Center
National Institutes of Health	Endoplasmic Reticulum Stress as a Novel Mechanism of Synaptic Dysfunction in Autism-Associated NLGN3 R451C Human Neurons	\$38,788	2.1	Rbhs-Robert Wood Johnson Medical School
National Institutes of Health	An fMRI Investigation of Propagated intrinsic Activity in Early Development and Autism	\$35,962	2.1	Washington University
National Institutes of Health	Human Clinical Phenotyping (HCP) Core	\$129,825	7.Core/Other	Albert Einstein College of Medicine
National Institutes of Health	Sensory Integration Therapy in Autism: Mechanisms and Effectiveness	\$448,778	4.2	Albert Einstein College of Medicine
National Institutes of Health	Effects of Maternal Immune Activation on GABRB3-Deficient Neocortical Progenitors	\$65,158	3.3	Stanford University
National Institutes of Health	Mechanisms of Circuit Failure and Treatments in Patient-Derived Neurons in Autism	\$406,250	2.1	Brown University
National Institutes of Health	Autism-Linked Endosomal Mechanisms in Neuronal Arborization and Connectivity	\$406,250	2.1	Brown University
National Institutes of Health	Mechanisms of Circuit Failure and Treatments in Patient-Derived Neurons in Autism	\$369,162	2.1	Brown University
National Institutes of Health	Integrity and Dynamic Processing Efficiency of Networks in ASD	\$577,255	2.1	San Diego State University
National Institutes of Health	Mapping Regulatory Networks of Autism Risk at Cellular Resolution during Neurodevelopment	\$154,085	2.1	Yale University
National Institutes of Health	Investigating the Mechanism of Optic Nerve Hypoplasia Associated with CASK Mutation	\$402,500	2.2	Virginia Polytechnic Inst and St Univ
National Institutes of Health	Reproducible Protocols for Robust Cortical Neuron and Astroglial Differentiation	\$554,873	2.Core/Other	University of California, San Diego

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Inhibitory Dysfunction in Autism	\$559,741	2.1	University of Washington
National Institutes of Health	Quantitative 3D Imaging of In Situ Nanoparticle Movement and Cellular Behavior During Neuroinflammation	\$361,909	2.Core/Other	University of Washington
National Institutes of Health	Visual-Motor Development in Infants at High Risk for Autism	\$150,675	1.3	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
National Institutes of Health	Prenatal Exposure to Endocrine Disrupting Chemical Mixtures and ASD Risk	\$338,944	3.3	Drexel University
National Institutes of Health	Health System Integration of Tools to Improve Primary Care for Autistic Adults	\$339,019	6.2	Portland State University
National Institutes of Health	Development of a Selective Metabotropic Glutamate Receptor 7 Allosteric Modulator Probe	\$400,356	2.1	Vanderbilt University
National Institutes of Health	Behavioral and Neurobiological Phenotyping of ASD with Megalencephaly	\$467,981	2.2	University of California at Davis
National Institutes of Health	Recruitment and Retention Core	\$205,583	7.Core/Other	University of California at Davis
National Institutes of Health	Neural Phenotypes of Females with Autism Spectrum Disorder	\$575,769	2.CC	University of California at Davis
National Institutes of Health	Deep Learning to Transform Clinician Autism Diagnostic Assessments and More	\$441,001	1.3	Caring Technologies, Inc.
National Institutes of Health	Deep Learning to Transform Clinician Autism Diagnostic Assessments and More	\$149,124	1.3	Caring Technologies, Inc.
National Institutes of Health	Comparing Behavioral Assessments Using Telehealth for Children with Autism	\$604,618	5.1	University of Iowa
National Institutes of Health	Infant Vocal Communication: Typical Development and Autism Risk	\$517,111	2.3	University of Memphis
National Institutes of Health	Location-Dependent Signaling of MGLU5 in Models of Synaptic Plasticity Using CRISPR-Targeted Mice	\$228,750	2.1	Washington University
National Institutes of Health	Placental Epigenome and Brain Dysfunction after Preterm Birth	\$687,827	3.3	Univ of North Carolina Chapel Hill
National Institutes of Health	Longitudinal Investigation of Social-Communication and Attention Processes in School-Aged Children at Genetic Risk for Autism	\$607,458	2.3	University of California at Davis
National Institutes of Health	Convergence of Genetic and Gestational Immune Mechanisms in 16p11.2-related ASD	\$543,064	3.3	Stanford University
National Institutes of Health	Convergence of Genetic and Gestational Immune Mechanisms in CHD8-related ASD	\$542,387	3.3	Stanford University
National Institutes of Health	A Monkey Model of Naturally Occurring Social Impairments	\$604,123	1.3	Stanford University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Intranasal Vasopressin Treatment in Children with Autism	\$604,364	4.1	Stanford University
National Institutes of Health	Cross Modal Integration of Molecular and Physiological Networks in ASD (2/2)	\$804,886	2.1	Stanford University
National Institutes of Health	Gaining Insight into Psychiatric Disease by Engineering Piece by Piece the Human Brain In Vitro.	\$491,734	2.1	Stanford University
National Institutes of Health	The Placenta: A Novel Target of Sex Specific Neurotoxicity by Fire Retardants	\$445,255	3.CC	North Carolina State University Raleigh
National Institutes of Health	The Placenta: A Novel Target of Sex Specific Neurotoxicity by Fire Retardants	\$143,175	3.CC	North Carolina State University Raleigh
National Institutes of Health	Shank3 in Autism and Sleep Disturbances	\$208,774	2.2	Washington State University
National Institutes of Health	Role of Somatic Mosaicism in Autism, Schizophrenia, and Bipolar Disorder Brain	\$408,398	2.1	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
National Institutes of Health	Integrative Genomics to Map Risk Genes and Pathways in Autism and Epilepsy	\$760,914	3.1	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Brain and Behavior Study of Autism from Infancy Through School Age	\$2,212,492	2.3	Univ of North Carolina Chapel Hill
National Institutes of Health	Novel Genetic Models of Autism	\$575,019	4.Core/Other	University of Alabama at Birmingham
National Institutes of Health	Spastic Paraplegia, Neurodegeneration and Autism: Possible Role for AT-1/SLC33A1?	\$330,978	2.1	University of Wisconsin-Madison
National Institutes of Health	Behavioral and Neural Outcomes of a New Executive Function Treatment for Transition-Age Youth with ASD	\$156,079	6.1	Children's Research Institute, Children's National Medical Center
National Institutes of Health	A Multimodal Investigation of Inhibitory Dysfunction in Autism Spectrum Disorder	\$249,000	2.1	Johns Hopkins University
National Institutes of Health	MET Receptor Tyrosine Kinase and the Development of Forebrain Circuits	\$383,750	2.1	University of Arizona
National Institutes of Health	Prenatal SSRI Exposure on Cognition & Synaptic Plasticity in Autism Mouse Models	\$199,875	3.3	University of Illinois at Chicago
National Institutes of Health	Postnatal Combination Therapy for Cerebral Palsy	\$333,795	4.1	Johns Hopkins University
National Institutes of Health	Immersive Virtual Reality as a Tool to Improve Police Safety in Adolescents and Adults with ASD	\$774,407	6.3	Floreo, Inc.
National Institutes of Health	Brain Network Dynamics Contributing to Atypical Social Interaction in Autism	\$531,761	2.1	Univ of Maryland, College Park
National Institutes of Health	Autism and Prenatal Endocrine Disruptors (A-PED)	\$597,792	3.2	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Emergence and Stability of Autism in Fragile X Syndrome	\$612,127	2.3	University of South Carolina at Columbia

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Emergence and Stability of Autism in Fragile X Syndrome	\$320,813	2.3	University of South Carolina at Columbia
National Institutes of Health	Emergence, Stability and Predictors of Anxiety in Fragile X Syndrome	\$613,689	2.2	University of South Carolina at Columbia
National Institutes of Health	The Role of Parent Phenotype in Parent-Mediated Language Interventions for Autism	\$792,777	4.2	Northwestern University
National Institutes of Health	The Role of Parent Phenotype in Parent-Mediated Language Interventions for Autism	\$52,415	4.2	Northwestern University
National Institutes of Health	Electrophysiological Signatures of Language Impairment in Autism Spectrum Disorder	\$326,316	2.1	Children's Hospital of Philadelphia
National Institutes of Health	MEG Studies of Auditory Processing in Minimally/Non-Verbal Children with ASD and Intellectual Disability	\$295,506	2.1	Children's Hospital of Philadelphia
National Institutes of Health	Connecting the Dots: An RCT Integrating Standardized ASD Screening, High-Quality Treatment, and Long-Term Outcomes	\$2,315,515	1.1	Drexel University
National Institutes of Health	Extending the Early Start Denver Model to Young Children with Down Syndrome	\$777,413	4.2	Drexel University
National Institutes of Health	Early Detection of Autism Spectrum Disorder	\$557,161	1.3	Drexel University
National Institutes of Health	Implementation of ASD Screening in a Community Setting Serving High-Risk Preschool Children	\$78,250	1.3	Drexel University
National Institutes of Health	Phenotypic Profiling of ASD Risk	\$449,194	3.1	Broad Institute, Inc.
National Institutes of Health	Regulation of Neuroligins and Effects on Synapse Number and Function	\$1,309,907	2.1	National Institute of Health - Intramural
National Institutes of Health	2/3 Multidimensional Investigation of the Etiology of Autism Spectrum Disorder	\$188,157	3.1	Carnegie Mellon University
National Institutes of Health	Predicting Preschool Psychopathology with Brain Connectivity in Preterm Neonates	\$182,544	2.1	Washington University
National Institutes of Health	The Preterm Behavioral Phenotype: Trajectories of Psychopathology & Changes in Cerebral Connectivity	\$622,284	2.3	Washington University
National Institutes of Health	Dissemination and Outreach Core	\$220,821	7.Core/Other	University of California at Davis
National Institutes of Health	Interdisciplinary Training for Autism Researchers	\$391,556	7.3	University of California at Davis
National Institutes of Health	Chromosomal Boundary Alterations Driving Transcriptional Dysregulation in Brain Disorders	\$471,600	2.1	University of California, San Diego
National Institutes of Health	Validation of an Implementation Strategy of COMPASS for School Trainers of Children with Autism	\$240,131	5.1	University of Kentucky
National Institutes of Health	Developmental Synaptopaties Associated with TSC, PTEN and Shank3 Mutations	\$300,414	2.3	Boston Children's Hospital

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Developmental Synaptopathies Associated with TSC, PTEN and Shank3 Mutations	\$206,943	2.3	Boston Children's Hospital
National Institutes of Health	Developmental Synaptopathies Associated with TSC, PTEN and Shank3 Mutations	\$187,331	2.3	Boston Children's Hospital
National Institutes of Health	Developmental Synaptopathies Associated with TSC, PTEN and Shank3 Mutations	\$315,899	2.3	Boston Children's Hospital
National Institutes of Health	Developmental Synaptopathies Associated with TSC, PTEN and Shank3 Mutations	\$69,048	2.3	Boston Children's Hospital
National Institutes of Health	Developmental Synaptopathies Associated with TSC, PTEN and SHANK3 Mutations	\$62,698	2.3	Boston Children's Hospital
National Institutes of Health	Early Biomarkers of Autism Spectrum Disorders in Infants with Tuberous Sclerosis	\$500,000	1.3	Boston Children's Hospital
National Institutes of Health	Estrogen Receptor (ER)-Mediated Repression of Prenatal Inflammation in Fetal Microglia and its Impact on Autism	\$325,775	2.CC	University of California Berkeley
National Institutes of Health	Striatal Specific Alterations in Translation, Synaptic Function, and Behavior in	\$249,000	2.1	Columbia University Health Sciences
National Institutes of Health	NIH R21/R33: Transformative Co-Robotic Technology for Autism Intervention	\$258,752	4.3	Vanderbilt University
National Institutes of Health	Enhancing and Measuring Social Functioning of Children with ASD through Virtual Intelligent Systems	\$189,283	4.3	Vanderbilt University
National Institutes of Health	Personalized Treatment of Cognitive Deficits Associated with Deletion of CACNG2	\$193,750	2.1	University of California, San Diego
National Institutes of Health	Expanding the Accessible Genetic Architecture of Autism by Single Molecule Sequencing	\$707,657	3.1	University of California, San Diego
National Institutes of Health	2/2 Somatic Mosaicism and Autism Spectrum Disorder	\$813,509	2.1	Yale University
National Institutes of Health	1/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$841,112	3.1	Yale University
National Institutes of Health	Functional Genomics of Human Brain Development	\$1,297,265	2.1	Yale University
National Institutes of Health	3/3 Multidimensional Investigation of the Etiology of Autism Spectrum Disorder	\$267,432	3.1	Yale University
National Institutes of Health	1/2 Cell Type and Region-Specific Regulatory Networks in Human Brain Development and Disorders	\$1,238,066	2.1	Yale University
National Institutes of Health	Disrupted Auditory Cortical Plasticity and Behavior in a Model of Rett Syndrome	\$518,964	2.1	Cold Spring Harbor Laboratory
National Institutes of Health	Complex versus Essential Autism: A Developmental Study of Risk	\$764,876	1.Core/Other	Seattle Children's Hospital

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Neural Correlates of Biological Motion Perception in Children with ASD	\$175,793	2.3	Seattle Children's Hospital
National Institutes of Health	Exposure to Perfluorinated Compounds and Risk for Autism Spectrum Disorders	\$117,016	3.2	University of Texas Arlington
National Institutes of Health	Endocannabinoids in Social and Repetitive Behavioral Domains	\$23,289	2.1	Vanderbilt University
National Institutes of Health	Pivotal Transitions in Early Infancy that Shape Network Development of the Social Brain	\$386,089	2.1	Emory University
National Institutes of Health	Pathogenic Insight into ASD from the Study of Neonatal Brain-Behavior Transitions	\$172,005	1.3	Emory University
National Institutes of Health	Investigation of DUF1220 Domains in Human Brain Function and Disease	\$387,382	3.1	University of Colorado Denver
National Institutes of Health	Impact of Combined Medication and Behavioral Treatment in Young Children with Comorbid ASD and ADHD	\$475,076	4.1	Duke University
National Institutes of Health	Maximizing Biospecimen Collection from Children with Mental Health Conditions	\$1	2.1	Kaiser Foundation Research Institute
National Institutes of Health	Neurobehavioral Analysis Core	\$122,110	1.3	University of California at Davis
National Institutes of Health	Investigating the Synaptic Pathology of Autism	\$521,823	2.1	Seattle Children's Hospital
National Institutes of Health	Prenatal Biomarkers of Exposure and Individual Susceptibility to Endocrine Disrupting Compounds	\$161,730	3.2	Drexel University
National Institutes of Health	Predictors of Cognitive Development in Autism Spectrum Disorder	\$504,752	2.3	University of California at Davis
National Institutes of Health	Specifying and Treating the Anxiety Phenotype in Autism Spectrum Disorder	\$534,077	4.1	University of California at Davis
National Institutes of Health	Neurodevelopment of Cognitive Control in Autism: Adolescence to Young Adulthood	\$569,900	2.3	University of California at Davis
National Institutes of Health	Altered Ionotropic Receptor Maturation in the Impaired Auditory Critical Periods of Fmr1 Knockout Mice	\$44,524	2.1	University of Pennsylvania
National Institutes of Health	Characterizing the CHD8 Complex to Determine its Role in Autism Spectrum Disorder	\$18,399	2.1	Stanford University
National Institutes of Health	Integrated Treatments for Core Deficits in Autism Spectrum Disorder	\$146,796	4.1	Rush University Medical Center
National Institutes of Health	Adapting and Implementing an Integrated Care Model for Youth with Autism Spectrum Disorder and Psychiatric Comorbidity	\$203,256	5.3	University of California, San Diego
National Institutes of Health	2/2 Effectiveness of a Multi-Level Implementation Strategy for ASD Interventions	\$713,030	5.1	University of California at Davis

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	4/4 - The Autism Sequencing Consortium: Autism Gene Discovery in >50,000 Exomes	\$268,276	3.1	University of California, San Francisco
National Institutes of Health	2/2 - Cell Type and Region-Specific Regulatory Networks in Human Brain Development and Disorders	\$474,606	2.1	University of California, San Francisco
National Institutes of Health	3/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$323,614	3.1	University of California, San Francisco
National Institutes of Health	1/3 Multidimensional Investigation of the Etiology of Autism Spectrum Disorder	\$226,069	3.1	University of California, San Francisco
National Institutes of Health	Quantification of Predictive Motor Impairments in Individuals with ASD	\$194,383	2.1	Northeastern University
National Institutes of Health	A Screen-Refer-Treat (SRT) Model to Promote Earlier Access to ASD Intervention	\$805,581	1.2	University of Washington
National Institutes of Health	A Screen-Refer-Treat (SRT) Model to Promote Earlier Access to ASD Intervention	\$146,661	1.2	University of Washington
National Institutes of Health	Evaluation of Implementation Factors for ASD Services in School Settings	\$178,642	5.1	San Diego State University
National Institutes of Health	Neural Mechanisms of CBT for Anxiety in Children with Autism Spectrum Disorder	\$583,305	4.2	Yale University
National Institutes of Health	Control of Neuronal Transcriptional Elongation by Brd4 and its Contribution to Autism	\$41,724	2.1	Icahn School of Medicine at Mount Sinai
National Institutes of Health	Characterizing Maladaptive Homeostatic Plasticity in an Animal Model of ASD	\$44,524	2.1	New York University School of Medicine
National Institutes of Health	Project IV: Investigating the Mirror Neuron System in Autism Spectrum Disorder	\$222,808	4.2	Univ of Maryland, College Park
National Institutes of Health	Neurobehavioral Research on Infants at Risk for Language Delay and ASD	\$284,724	2.1	Boston University (Charles River Campus)
National Institutes of Health	Neurobehavioral Research on Infants at Risk for Language Delay and ASD	\$701,720	2.3	Boston University (Charles River Campus)
National Institutes of Health	Neonatal ABRs and Heritable Risk for ASD	\$193,750	2.1	Michigan State University
National Institutes of Health	Teaching Academic Success Skills to Middle School Students with Autism Spectrum Disorders (ASD) with Executive Functioning Deficits	\$238,500	4.2	Cincinnati Children's Hospital Medical Center
National Institutes of Health	Women with Autism Spectrum Disorders during Adolescence and Adulthood: Unique and Common Vulnerabilities	\$77,764	6.CC	Vanderbilt University Medical Center
National Institutes of Health	Obstetric Interventions, Neonatal Health, and Child Development	\$363,028	3.3	Columbia Univ New York Morningside
National Institutes of Health	Neurodevelopmental and Behavioral Phenotyping	\$868,283	2.1	National Institute of Health - Intramural

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Role of Autism-Linked Genes in Developmental Refinement of the Corpus Callosum	\$437,500	2.1	Children's Research Institute, Children's National Medical Center
National Institutes of Health	Role of Autism-Linked Genes in Developmental Refinement of the Corpus Callosum	\$113,731	2.1	Children's Research Institute, Children's National Medical Center
National Institutes of Health	Role of 14-3-3Epsilon in Neurite Initiation	\$340,161	2.1	Drexel University
National Institutes of Health	Neuronal Adaptation and Plasticity after Chronic Disuse	\$423,750	2.1	New York University School of Medicine
National Institutes of Health	Biological Substrates of Risk and Resilience Using Patient-Derived Stem Cells	\$450,612	2.1	Yale University
National Institutes of Health	Neurobiology of Autism with Macrocephaly	\$584,101	2.1	Yale University
National Institutes of Health	1/3 Chromatin Regulation During Brain Development and in ASD	\$550,583	2.1	Yale University
National Institutes of Health	Temporal Connectomics for Infant Brain: Neurodevelopment Modulated by Pathology	\$571,364	1.3	University of Pennsylvania
National Institutes of Health	Improving Child-Treatment Fit in Autism Early Intervention	\$195,625	5.3	Drexel University
National Institutes of Health	Investigating Air Pollution Effects on the Developing Brain and ASD	\$497,443	3.2	Johns Hopkins University
National Institutes of Health	A Mitochondrial-Interneuronal Hypothesis of Autism	\$605,969	2.1	Children's Hospital of Philadelphia
National Institutes of Health	1/2 - Somatic Mosaicism and Autism Spectrum Disorder	\$1,777,812	2.1	Boston Children's Hospital
National Institutes of Health	Volume-based Analysis of 6-month Infant Brain MRI for Autism Biomarker Identification and Early Diagnosis	\$142,913	1.3	Univ of North Carolina Chapel Hill
National Institutes of Health	Development and Afferent Regulation of Auditory Neurons	\$380,000	2.1	Florida State University
National Institutes of Health	Genetic Modifiers of Seizure Disorders in Fragile X Syndrome	\$275,509	2.2	Emory University
National Institutes of Health	An Intelligent Three Dimensional Learning Environment for Enhancing Social Communication Skills in Infants and Toddlers	\$190,550	4.3	Vanderbilt University Medical Center
National Institutes of Health	Data Acquisition and Analysis Core	\$2,864,255	4.1	Yale University
National Institutes of Health	Eyeblink Conditioning in School-Aged Children with ASD	\$497,699	2.1	Seattle Children's Hospital
National Institutes of Health	Rapid, In Vitro Phenotyping of Monogenic Neurological Disorders Using CRISPRi and High-Throughput All-Optical Electrophysiology.	\$550,626	4.1	Q-State Biosciences, Inc.
National Institutes of Health	Induced Neuronal Cells: A Novel Tool to Study Neuropsychiatric Diseases	\$615,259	2.1	Stanford University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Smart Early Screening for Autism and Communication Disorders in Primary Care	\$478,718	1.3	Florida State University
National Institutes of Health	Autism Adaptive Community-Based Treatment to Improve Outcomes Using Navigators (ACTION) Network	\$2,091,546	5.3	Florida State University
National Institutes of Health	Promoting Transactional Supports to Optimize Social Communication Outcomes for Infants and their Families	\$371,743	4.2	Emory University
National Institutes of Health	Mobilizing Community Systems to Engage Families in Early ASD Detection & Services	\$1,244,918	1.2	Florida State University
National Institutes of Health	Development and Neural Mechanisms of Repetitive Behavior and Sensory Responsivity in Autism	\$604,280	2.3	University of Minnesota
National Institutes of Health	Tools for Manipulating Local Protein Synthesis in the Brain	\$172,800	2.1	University of Toronto
National Institutes of Health	Sensory Project in Infant/Toddler Siblings of Children with Autism (Project SPIS)	\$158,000	2.1	Vanderbilt University Medical Center
National Institutes of Health	Role of Brg1 in Activity-Induced Neuronal Gene Expression and Synaptic Plasticity	\$352,407	2.1	Ut Southwestern Medical Center
National Institutes of Health	A Conserved Transcriptional Cascade Involved in Brain Overgrowth, Social Behavior and Autism	\$733,979	2.1	Case Western Reserve University
National Institutes of Health	A Conserved Transcriptional Cascade Involved in Brain Overgrowth, Social Behavior and Autism	\$33,866	2.1	Case Western Reserve University
National Institutes of Health	Heparan Sulfate in Neurophysiology and Neurological Disorders	\$425,231	2.1	Sanford Burnham Prebys Medical Discovery Institute
National Institutes of Health	Discovery of Novel Drugs for Autism	\$382,982	4.1	Asddr, Llc
National Institutes of Health	Proteogenetics of Autism Spectrum Disorders	\$608,199	2.1	Scripps Research Institute
National Institutes of Health	Efficacy of Parent-implemented Treatment in Infant Siblings of Children With ASD	\$645,966	4.Core/Other	Vanderbilt University
National Institutes of Health	Data Management and Statistics Core	\$157,273	7.Core/Other	University of California at Davis
National Institutes of Health	Genetic Regulation of Variability in Brain Oxytocin Receptors	\$569,017	2.1	Emory University
National Institutes of Health	Distribution of Child Mental Health Workforce and Health Care for Children with Autism	\$444,284	5.3	Rand Corporation
National Institutes of Health	Organization of Excitatory and Inhibitory Circuits in ASD	\$409,250	2.1	Boston University (Charles River Campus)
National Institutes of Health	Language Development in Fragile X Syndrome	\$662,027	2.1	University of California at Davis
National Institutes of Health	2/3 Chromatin Regulation During Brain Development and in ASD	\$129,927	2.1	Mayo Clinic Rochester

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Altered Dopamine Transporter Function in Autism	\$29,400	2.1	University of Alabama at Birmingham
National Institutes of Health	Mobile-based Care for Children with Autism Spectrum Disorder Using Remote Experience Sampling Method (mCARE)	\$207,627	5.3	Marquette University
National Institutes of Health	Genome Clustering for Clinical Subtype Detection in Autism	\$49,524	3.1	University of California, San Diego
National Institutes of Health	Social Processes Initiative in Neurobiology of Autism-spectrum and Schizophrenia-spectrum Disorders (SPIN-ASD)	\$307,587	2.1	Centre For Addiction and Mental Health
National Institutes of Health	Structural and Behavioral Impact of ASD-Associated Variants of NRXN1 in Drosophila Melanogaster	\$63,154	2.2	Baylor College of Medicine
National Institutes of Health	Project 3 Arlotta	\$490,100	2.1	Harvard University
National Institutes of Health	Modeling ASD-Linked Genetic Mutations in 3D Human Brain Organoids	\$571,066	2.1	Harvard University
National Institutes of Health	The Neurobiological Basis of Heterogeneous Social and Motor Deficits in ASD	\$430,837	2.1	University of Southern California
National Institutes of Health	The Instruction of Sensory Inputs in Inhibitory Circuit Maturation in the Somatosensory Cortex	\$45,891	2.1	Weill Medical Coll of Cornell Univ
National Institutes of Health	Exploring Novel Epilepsy Pathways	\$50,430	2.2	University of Iowa
National Institutes of Health	Assisted Reproductive Technologies and Risk of Autism and Other Developmental Disabilities	\$524,438	3.3	Columbia Univ New York Morningside
National Institutes of Health	Role of Histone Ubiquitination in Neurodevelopment and Disease	\$415,708	2.1	University of Michigan at Ann Arbor
National Institutes of Health	Sex-Biased Mitochondrial Alterations Underlying Male Susceptibility to Neurodevelopmental Disorders	\$58,654	2.CC	Massachusetts General Hospital
National Institutes of Health	Developmental Relationships Between Joint Engagement and Vocabulary in Children with Autism Spectrum Disorder	\$78,250	2.1	Boston College
National Institutes of Health	A Longitudinal MRI Study Characterizing Very Early Brain Development in Infants with Down Syndrome	\$2,297,205	2.1	Washington University
National Institutes of Health	Objective, MRI Biomarkers for Pre-Symptomatic Detection of Autism Spectrum Disorder At 6 Months Old: Commercial Software Development and Optimization	\$359,106	1.3	Primeneuro, Inc.
National Institutes of Health	Foxp2 Regulation of Sex Specific Transcriptional Pathways and Brain Development	\$237,932	2.CC	Virginia Polytechnic Inst and St Univ
National Institutes of Health	Behavioral Inflexibility in IDD Outcome Measurement	\$476,740	1.3	University of Kansas Lawrence

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Behavioral Inflexibility in IDD Outcome Measurement	\$62,464	1.3	Univ of North Carolina Chapel Hill
National Institutes of Health	Sex-Specific Brain and Behavioral Predictors of Cognitive Aging in Middle-Aged Adults with Autism Spectrum Disorder	\$176,252	6.2	Arizona State University
National Institutes of Health	Research Component: Multimodal Approach to Word Learning in Children with Autism	\$206,927	4.3	University of Kansas Lawrence
National Institutes of Health	Prenatal Factors in Autism and Other Psychiatric Outcomes in a National Birth Cohort	\$469,432	3.2	Columbia University Health Sciences
National Institutes of Health	Prefrontal Corticothalamic Circuits in Autism	\$178,646	2.1	University of Texas, Austin
National Institutes of Health	Biology of Non-Coding RNAs Associated with Psychiatric Disorders	\$217,389	3.3	Michigan State University
National Institutes of Health	Neurophysiological and Behavioral Correlates of Sensory and Communication Dysfunction in Children with Autism Spectrum Disorder	\$135,588	2.1	Colorado State University
National Institutes of Health	Interactions Between IgSF Proteins in Neural Circuit Formation	\$228,511	2.1	University of Chicago
National Institutes of Health	Sensory Adapted Dental Environments to Enhance Oral Care for Children	\$625,180	5.3	University of Southern California
National Institutes of Health	Sensory Adapted Dental Environments to Enhance Oral Care for Children	\$79,568	5.3	University of Southern California
National Institutes of Health	Sensory Adapted Dental Environments to Enhance Oral Care for Children	\$375,251	5.3	University of Southern California
National Institutes of Health	Amino Acid Metabolism in Autism Spectrum Disorder	\$202,500	2.1	Ut Southwestern Medical Center
National Institutes of Health	Development of an Autism Spectrum Disorder Screening Test based upon Metabolic Profiling of Fresh Blood Samples	\$371,711	1.3	Circa Bioscience, LLC
National Institutes of Health	Development of an Autism Spectrum Disorder Screening Test based upon Metabolic Profiling of Fresh Blood Samples	\$57,981	1.3	Circa Bioscience, LLC
National Institutes of Health	Statistical Analysis Core	\$208,320	2.Core/Other	Yale University
National Institutes of Health	Role of DYRK1A/MNB in Synaptic Growth and Function	\$453,361	2.1	University of Southern California
National Institutes of Health	Synaptotagmin C2B Domain as a Ca ²⁺ Sensing Module	\$376,140	2.1	University of Wisconsin-Madison

